

Atty. Dkt. No. 072827-1002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Van. Wageningen et al.

Title: CALCIUM RECEPTOR-ACTIVE
MOLECULES

Appl. No.: 09/579,564

Filing Date: 05/26/2000

Examiner: D. Jones

Art Unit: 1614

CERTIFICATE OF MAILING

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Irene Betke

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Irene Betke

(Signature)

2-27-04

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

RECEIVED
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Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

03/03/2004 SSITHIB1 00000088 500872 09579564
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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEE

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date Feb. 26, 2004

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number: 09/579,564 Filing Date: 05/26/2000 First Named Inventor: Van Wayenen et al. Group Art Unit: 1614 Examiner Name: D. Jones Attorney Docket Number: 072827-1002	
Sheet	1	of	2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	WO	82 04052 A		Chinoin Gyogyszert			
	A2	EP	0 009 702 A		Schering Corporation			
	A3	WO	91 00853 A		New York University			
	A4	EP	0 395 357 A		Pfizer Inc.			
	A5	EP	0 015 505 A		Ciba-Geigy AG			
	A6	EP	0 005 848 A		Ciba Geigy AG			
	A7	EP	0 007 204 A		Eli Lilly and Company			
	A8	EP	0 101 069 A		F. Hoffman La Roche Aco.			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A9	Database Crossfire Beilstein Online! Abstract No. XP-002259418	
	A10	Chen et al., "The Diltiazem analog TA-3090 mimics the actions of high extracellular Ca ²⁺ on parathyroid function in dispersed bovine parathyroid cells." Journal of Bone and Mineral Research, 5:581-587, 1990.	
	A11	Brown et al., "Neomycin mimics effects of high extracellular calcium concentrations on parathyroid function in dispersed bovine parathyroid cells." Endocrinology, 128: 3047-3054, 1991.	
	A12	Zaidi et al., "Intracellular calcium in the control of osteoclast function. II. Paradoxical elevation of cytosolic free calcium by verapamil." Biochemical and Biophysical Research, 167: 807-812, 1990.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known		RECEIVED	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/579,564		
(use as many sheets as necessary)		Filing Date	05/26/2000	MAR 10 2004	
		First Named Inventor	Van Wayenen et al.		
		Group Art Unit	1614		
		Examiner Name	D. Jones		
Sheet	2	of	2	Attorney Docket Number	072827-1002

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A13	Muff et al., "Regulation of hormone secretion and cytosolic Ca ²⁺ in parathyroid cells and C-cells: Role of voltage sensitive Ca ²⁺ channels." Archives of Biochemistry and Biophysics, 265: 128-135, 1988.	
	A14	Zaidi, "Calcium receptors on eukaryotic cells with special reference to the osteoclast." Bioscience Reports, 10:493-507, 1990.	
	A15	Nemeth et al., "Regulation of cytosolic calcium by extracellular divalent cations in C-cells and parathyroid cells." Cell Calcium, 11: 319-321, 1990.	
	A16	Partial European Search Report	

Examiner Signature		Date Considered	
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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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